

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"US 20070108944"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/04/11 18:01
S3	4393977	motor power adj tool battery charger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/13 19:47
S4	624	motor power adj tool battery charger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/13 19:47
S5	0	"320"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/13 19:47
S6	17861	"320"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/13 19:47
S7	0	S4 S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/13 19:48
S12	2	("6087815").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 18:32
S13	21	("1530342"   "3274476"   "3308419"   "3828201"   "3919615"   "4300087"   "4389704"   "4524412"   "4578772"   "4675538"   "4748344"   "5019767"   "5021727"   "5211321"   "5450003"   "5587916"   "5656876"   "5808884").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 20:11
S14	13	("6087815").URPN.	USPAT	OR	ON	2009/04/21 20:14

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S15	57	("20010035736"   "20010053313"   "20020085403"   "20030058638"   "20030066666"   "20030090162"   "20030102346"   "20030121682"   "20030160075"   "20030213829"   "20040050887"   "20040089689"   "20040121224"   "20040140336"   "20040206522"   "20040226174"   "20050058893"   "20050078303"   "20050082920"   "20050111214"   "20050115724"   "20050133552"   "20050152131"   "20050153596"   "20050161305"   "20050200087"   "20050218182"   "20050223902"   "3919615"   "4677362"   "4779687"   "4827534"   "4966321"   "5095259"   "5211321"   "5562240"   "5810232"   "5929597"   "6016944"   "6065658"   "6087815"   "6106971"   "6155471"   "6188228"   "6211662"   "6301997"   "6490186"   "6501197"   "6502949"   "6641107"   "6688407"   "6720949"   "6729743"   "6851487"   "6926473"   "6939641"   "7015675").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/21 20:23
S16	18	((("5,217,395") or ("5,993,240") or ("6,501,197") or ("6,536,536") or ("6,616,300") or ("4,876,490") or ("6,260,978") or ("6,106,971") or ("200510153596")).PN. or (2001/0035736).CCLS.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/21 20:38
S17	631	motor power adj tool battery charger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/21 20:44
S18	17911	"320"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/21 20:44
S19	235	S17 S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/21 20:44
S20	631	motor power adj tool battery charger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/22 16:31

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S21	17911	"320"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/22 16:31
S22	235	S20 S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/22 16:31
S23	95	S22 lithium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/22 16:31
S24	13	("6229280").URPN.	USPAT	OR	ON	2009/04/25 13:41
S25	1	charger battery terminal voltage measur\$5 detect\$4 near live adj connect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/25 15:44
S26	1	charger battery terminal voltage measur\$5 detect\$4 near live near connect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/25 15:44
S27	0	charger battery terminal voltage measur\$5 detect\$4 near hot adj (plug or connect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/25 15:46
S28	0	charger battery terminal voltage measur\$5 detect\$4 near onnect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/25 15:46
S29	505	charger battery terminal voltage measur\$5 detect\$4 near connect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/25 15:46

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S30	41	charger battery terminal voltage measur\$5 detect\$4 near connect\$4 lithium\$ion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/04/25 15:48
S31	4	((("5929597") or ("6268710"))).PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/25 15:56
S32	0	(battery or cell) near deteriorat\$3 with (loss near capacity and increase near spontaneous near discharge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/20 18:25
S33	0	(battery or cell) near deteriorat\$3 same (loss near capacity and increase near spontaneous near discharge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/20 18:26
S34	0	(battery or cell) near deteriorat\$3 same (loss near capacity and increase with spontaneous near discharge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/20 18:26
S35	1	(battery or cell) near deteriorat\$3 and (loss near capacity and increase with spontaneous near discharge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/20 18:26
S36	7	(battery or cell) near deteriorat\$3 and (loss near capacity and increase with (spontaneous or self) near discharge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/20 18:54
S37	5	(battery or cell) with (deteriorat\$3 and (loss near capacity and increase with (spontaneous or self) near discharge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/20 19:24
S38	0	("2005/0069484").URPN.	USPAT	OR	ON	2009/11/20 19:27
S39	5	("4551400"   "4605603"   "4621034"   "4623597"   "4637967").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/20 19:27

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S40	9	(battery or cell) same (deteriorat\$3 and (loss near capacity and increase with (spontaneous or self) near discharge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/20 19:29
S41	29	(battery or cell) same (deteriorat\$3 and (loss near capacity and increase same (spontaneous or self) near discharge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/20 19:31
S42	29	(battery or cell) same (deteriorat\$3 and (loss near capacity and increase same (spontaneous or self) with discharge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/20 19:38
S43	33	(battery or cell) same (deteriorat\$3 and (loss with capacity and increase same (spontaneous or self) with discharge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/20 19:39
S44	4	S43 not S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/20 19:39
S52	0	tool with (battery adj pack with (lithium\$ion or lithium adj polymer) and charger) with (over adj (discharg\$3 and charg\$3) near protect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/21 11:09
S53	0	tool same (battery adj pack with (lithium\$ion or lithium adj polymer) and charger) same (over adj (discharg\$3 and charg\$3) near protect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/21 11:09
S54	10	tool same (battery adj pack with (lithium\$ion or lithium adj polymer) and charger) and (over adj (discharg\$3 and charg\$3) near protect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/21 11:10
S55	10	("20010011881"   "20020175656"   "20030011345"   "20030044689"   "20030122527"   "5250891"   "5617017"   "5680027"   "5886502"   "6051955").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/21 11:15

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S56	4	("5438250"   "5952815"   "6208117"   "6268710").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/21 11:18
S57	2	("5,680,027").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/21 21:00
S58	0	("analogadjdigitaladjconverternearmultiplexe rwithamplif\$3samebatterynearmonitor\$3wit hvoltage").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/21 21:09
S59	0	analog adj digital adj converter near multiplexer with amplif\$3 same battery near monitor\$3 with voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/21 21:11
S60	0	analog near digital near converter with multiplexer with amplif\$5 same battery near monitor\$3 with voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/21 21:12
S61	2	analog near digital near converter same multiplexer with amplif\$5 same battery near monitor\$3 with voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/21 21:12
S62	52	motor power adj tool battery charger internet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/21 22:38
S63	22	motor power adj tool battery charger cell adj balanc\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/21 23:01
S64	140	battery adj pack charger cell adj balanc\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/21 23:02

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S65	627	"320"/112.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/22 00:18
S66	2	("7227335").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/22 00:27
S67	2	("20050001625"   "6218806").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/22 00:28
S68	28	("5929597").URPN.	USPAT	OR	ON	2009/11/22 00:32
S69	147	motor power adj tool battery charger packag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/22 00:37
S70	0	(2001/052758).CCLS.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/22 00:48
S71	4	("2001052758").PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/22 00:49
S72	0	("2001052758").PN.	US-PGPUB	OR	OFF	2009/11/22 00:49
S73	1	("20010052758").PN.	US-PGPUB	OR	OFF	2009/11/22 00:49
S74	0	ep1217710	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/22 09:55
S75	6109464	ep "1217710"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/22 09:55
S76	8	((("2003096158") or ("2002079867")).PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/22 09:59

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S77	8	((("2003096158") or ("2002079867"))).PN.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	OFF	2009/11/22 09:59
S78	2	((("20030096158") or ("20020079867"))).PN.	USPAT; USOCR; FPRS; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/22 10:01
S79	4	((("20030096158") or ("20020079867"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/22 10:03
S80	8	("20010052758"   "20040075417"   "20040080298"   "20050007068"   "5929597"   "6242893"   "6268710"   "6268713").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/22 13:28
S81	45	((ROGER) near2 (PELLENC)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/22 13:42

### EAST Search History (Interference)

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